

# INTERNATIONAL SEARCH REPORT

Internat. Application No  
PCT/JP04/005358

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61B5/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/07592 A (NADLER ANDREAS ;NIEDERER PETER (CH); UNIV ZUERICH (CH); EIDGENOESS) 31 January 2002 (2002-01-31) page 4, lines 13-18 page 6, lines 14-24 page 7, line 25 - page 8, line 7 page 9, lines 6-26 page 11, line 3 - page 12, line 3 page 12, line 21 - page 13, line 23 claims 20,21 figures 1-4,8	1-5
X	US 5 579 774 A (MILLER JOHN I ET AL) 3 December 1996 (1996-12-03) column 6, line 46 - column 7, line 33 column 8, line 56 - column 9, line 21 column 13, line 17 - column 14, line 54 figures 1,3,5,5A	1-7
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*G\* document member of the same patent family

Date of the actual completion of the international search

23 February 2005

Date of mailing of the international search report

02/03/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 90/07907 A (NEURODYNAMICS INC) 26 July 1990 (1990-07-26) page 8, line 13 - page 9, line 15 figure 6	1-7
A	US 6 036 654 A (SIMAN JAIME ET AL) 14 March 2000 (2000-03-14) column 3, lines 24-35, 61-67 column 4, lines 43-59 column 6, lines 16-25 figures 1, 2A, 2B, 10	1

## INTERNATIONAL SEARCH REPORT

Int'l application No.  
PCT/GB2004/005358

### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 8  
because they relate to subject matter not required to be searched by this Authority, namely:  
see FURTHER INFORMATION sheet PCT/ISA/210
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.  
☐ No protest accompanied the payment of additional search fees.

Continuation of Box II.1

Claims Nos.: 8

Rule 39.1(1v) PCT - Method for treatment of the human or animal body by surgery

Claim 8 relates to a method for measuring the oxygen saturation level in the brain tissue of a human or animal patient comprising the step of inserting the distal ends of optical fibres of an oximetry apparatus through a cranial access bolt positioned in the skull of the patient.

This International Searching Authority considers catheterisation a surgical step. Moreover, it considers that the presence of a surgical step in a multi-step method for treatment of the human or animal body confers a surgical character on that method.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No  
PCT/JP04/005358

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0207592	A	31-01-2002	AU 8199601 A	05-02-2002
			CA 2416546 A1	31-01-2002
			WO 0207592 A1	31-01-2002
			EP 1301119 A1	16-04-2003
			EP 1504715 A1	09-02-2005
			JP 2004504092 T	12-02-2004
			US 2004039270 A1	26-02-2004
US 5579774	A	03-12-1996	NONE	
WO 9007907	A	26-07-1990	AU 4968790 A	13-08-1990
			WO 9007907 A1	26-07-1990
US 6036654	A	14-03-2000	NONE	